

DuploCOLL® 9182

Art. No. 11 00 51

Double-sided adhesive foam tape for mounting and permanent fastening on virtually all smooth and slightly uneven surfaces

| Product construction | | | |
|-------------------------|-------------------|------------|----------------|
| | Name | Colour | Thickness [mm] |
| Liner | Polyethylene film | yellow | approx. 0,10 |
| Adhesive covered side | Pure acrylic | | |
| Carrier | Polyethylene foam | anthracite | approx. 1,00 |
| Adhesive open side | Pure acrylic | | |
| Total thickness: | | | approx. 1,10 |

Product advantages

- Maximum resistance to ageing UV-radiation, weathering and plasticizers.
- The foam carrier keeps a permanent elasticity.
- The high initial adhesion (tack) offers a reliable bond immediately after application. Maximum final adhesion is reached after approx. 24 hours.
- DuploCOLL® 9182 absorbs vibration and compensates for different expansion coefficients of the substrates that are joined.
- DuploCOLL® 9182 is recommended by manufacturers of glass and plastic mirrors on account of inert behavior in contact with a wide variety of mirror paints.

Main application fields

- Mounting mirrors in the manufacture of bedroom, living room, bathroom and hall furniture
- Mounting of PVC stay bars
- Mounting of small devices and hooks on tiles and smooth walls
- Mounting of cable channels

Product features

Applicability on

| | | | |
|----------------------------|-------|--|-------|
| Initial adhesion | ● ● ○ | Foam | ○ ○ ○ |
| Final adhesion | ● ● ● | Rubber | ○ ○ ○ |
| Dimensional stability | ● ○ ○ | Lacquer | ● ● ● |
| Adhesion on even surfaces | ● ● ● | Glass/Ceramics | ● ● ○ |
| Adhesion on rough surfaces | ○ ○ ○ | Wood | ● ● ○ |
| Ageing resistance | ● ● ● | High energy plastics: PVC, PC, ABS,... | ● ● ● |
| Weathering resistance | ● ● ● | Low energy plastics: PE, PP,... | ● ● ○ |
| Chemical resistance | ● ● ● | Metal | ● ● ● |
| Resistance to plasticizers | ● ● ● | Paper/Cardboard | ● ● ○ |

● ● ● very suitable ● ● ○ suitable ● ○ ○ suitable with reductions ○ ○ ○ not suitable

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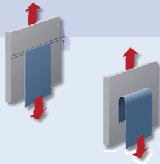
Specific technical data*

| | |
|--|---------------------|
| Temperature range | -40 °C to +95 °C |
| Temperature range in rising heat test | -40 °C to +110 °C** |

* Specific test results, statistically not approved.

** Reached temperature in a rising heat test according to the internal test method PM-211 following DIN EN 1943 at 0,5 kg strength, beginning at 30 °C, increasing of temperature every 30 minutes by 10 °C

Technical Data

| | | | |
|-----------------------|--|--------------------------|---|
| Shear strength | on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C | 40 N/625 mm ² |  |
| Peel strength | on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C | 23 N/25 mm | |

Application

| | |
|--|--|
| Recommended application temperature | 18 °C to 35 °C |
| Application guidelines | www.lohmann-tapes.com |

Storage

Adhesive tapes should be stored at room temperature and normal humidity (50-70 %).
The storage stability is two years after delivery.

Product presentation

| | | | | | |
|--------------------------------|---|--------|------------|--|--|
| Converted product | Rolls | | Spools | | |
| Width [mm] | >6 | >9 | 6-43 | | |
| Length [m] | 50 | 50/100 | on request | | |
| Max. log width: 1260 mm | Other dimensions, die-cuts and sheets on request. | | | | |

For mechanical mounting of this adhesive tape we also offer a wide range of application devices.

The physical characteristics contained in our data sheets represent typical or average values. They do not represent any warranties or guarantees and must not be used for technical specification purposes. All application related statements, information and recommendations herein are given to the best of our knowledge and practical experience. The buyer is responsible for determining the suitability of the specific tape for its intended use in connection with user's method of application. Please consult our Technical Applications Department for specific advice. Our general Term and Conditions of Sale apply, particularly with regard to warranty and liability.

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Lohmann GmbH & Co. KG
Irlicher Strasse 55
56567 Neuwied
Germany

Phone: + 49 (0) 26 31 34 - 0
Fax: + 49 (0) 26 31 34 - 6661
E-mail: info@lohmann-tapes.com

Für weitere Informationen
www.lohmann-tapes.com



Bei Anfragen bezüglich Produktsicherheit (Bestätigungen, Konformitäten mit Richtlinien, REACH, etc.) verwenden Sie bitte folgende E-Mail-Adresse: products.safety@lohmann-tapes.com